



# OFFICE OF THE STATE FIRE MARSHAL



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## **Permitting/Installation Requirements for above Ground FUEL TANKS** **Need to comply with all of these requirements for plan review and inspection**

For plan review a site plan with specified distances from the tank to buildings, property lines, any ignition source, and any driveways (legibly hand drawn with a ruler is acceptable)

**Note:** An Electrical inspection and approval by the local or county jurisdiction is required **prior** to inspection.

Aboveground fuel tanks for the storage of class I fuels must meet the standards of UL-2085, 2002 NFPA 30, 30A, 704 and IFC 2003 2206.2.2.

Aboveground fuel tanks for the storage of class II and IIA fuels must meet the standards of UL-2085, 2002 NFPA 30, 30A, 704 and IFC 2003 2206.2.2. Or a Variance may be requested.

- AGST's will require 5 gallon spill fill protection IFC 2205. AGST's will require overfill protection IFC 2205. AGST's will be required to be placed on an engineered foundation.
- Dispensing hoses will require UL breakaway devices and be protected IFC 2206.
- An Emergency Fuel Shut-Off switch is required and shall not be any closer than 20 feet, nor further than 100 feet from the dispenser unit(s). Proper signage shall be required. IFC 2203
- A proper size fire extinguisher with a minimum rating classification of 2A-20BC shall be within 75 feet of dispensers or tank.
- Appropriate Warning signs per IFC 2205. ( no smoking, unapproved containers, stop engine,)
- Tank shall be secured from public IFC 2206. All AGST's will require Hazard signage per NFPA 704 standard.
- Fuel tanks subject to damage by vehicle traffic or other moving equipment will require protection for the tank per IFC 312.1 and NFPA 30A or meet UL-2085 requirements.
- Protection post will be at least 3 feet from the tank. The metal post will be a minimum of 4 inches in diameter by 6 feet long. A 15 inch minimum diameter hole by 3 feet deep will be required to support the 4-inch diameter post. The spacing of the post will be 4 feet on center maximum between posts. The top of the metal post shall not be less than 3 feet above grade. Fill the hole and metal post with concrete.
- If using a containment area for vehicle protection, send details and cut view of wall.
- If this is a temporary fueling location, large rocks or other types may be placed in lieu of protection post. Submitter must state the type of protection on plan submittal.

Approved plans by the State Fire Marshal's Office must be available on site during construction and inspection.

**This form is used only as a guide. Final approval is contingent upon a favorable field inspection.**

Revised 4-29-2013